

FIG.1 PRIOR ART

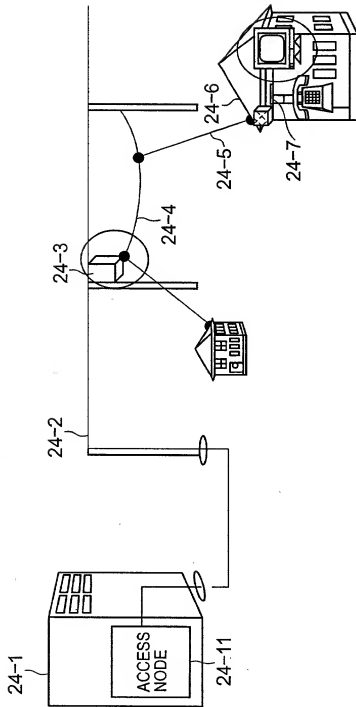


FIG.2A

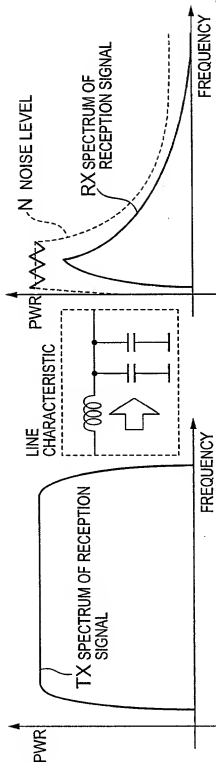


FIG.2B

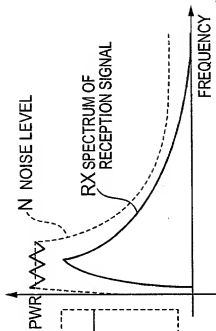


FIG.2C

FIG.3A

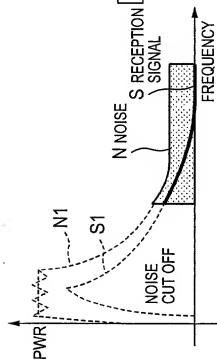


FIG.3B

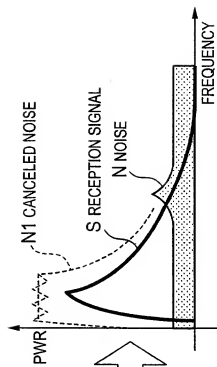


FIG.4A

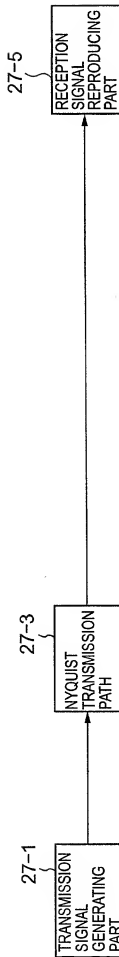
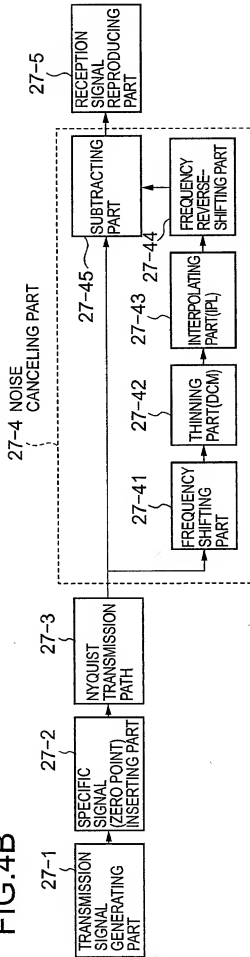


FIG.4B



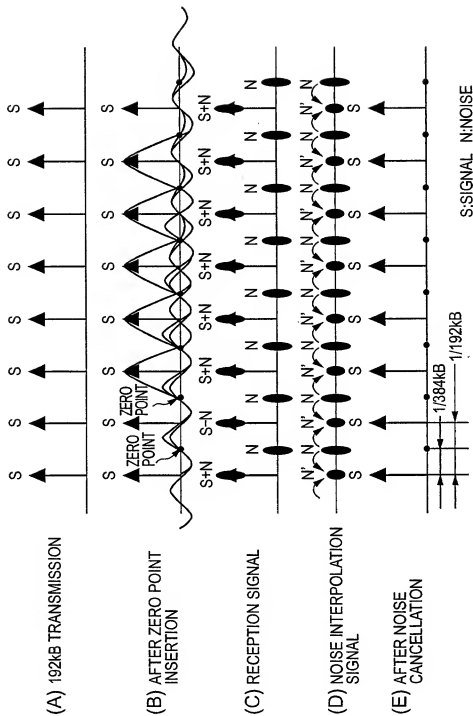


FIG. 5

FIG.6A

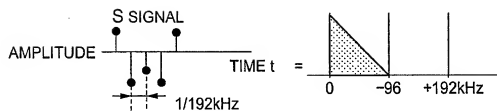


FIG.6B

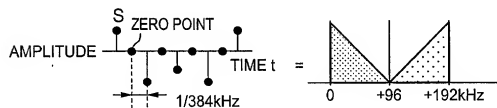


FIG.6C

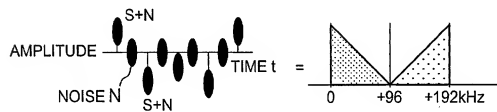


FIG.7A

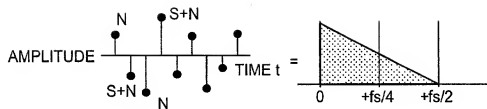


FIG.7B

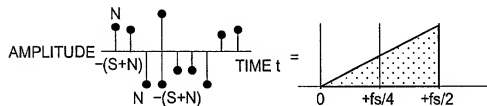


FIG.7C

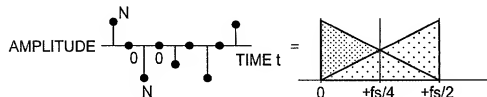


FIG.7D

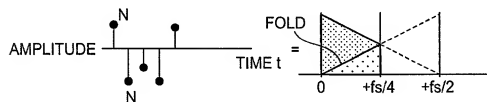


FIG.8A

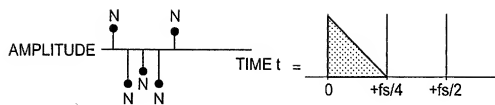


FIG.8B

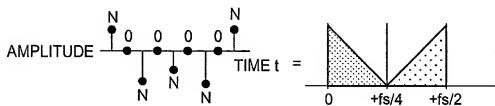


FIG.9

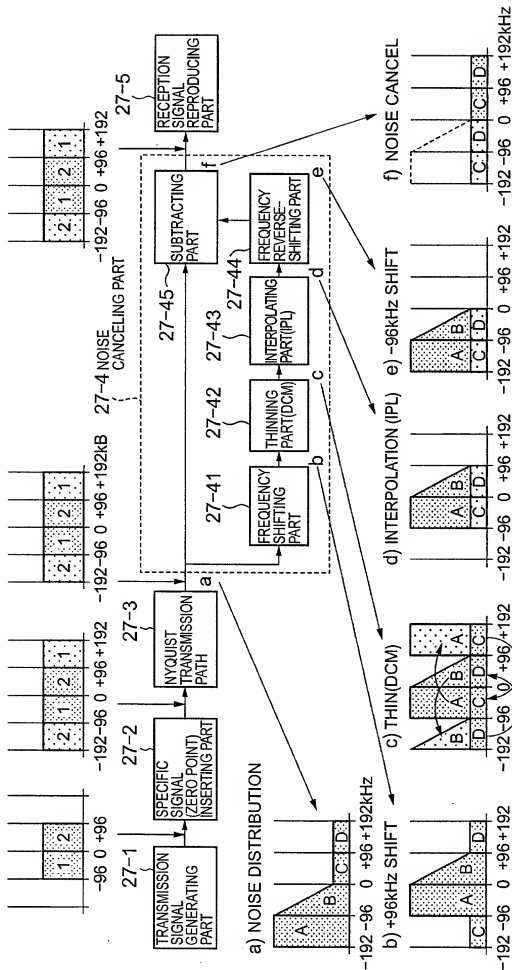


FIG.10A



FIG.10B



FIG.10C

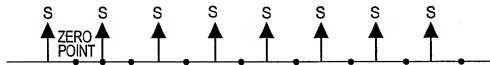


FIG.10D

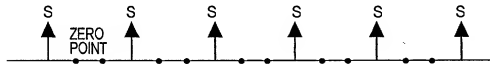


FIG.10E

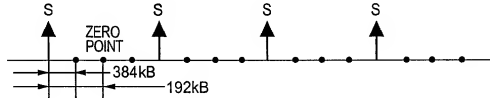


FIG.11A

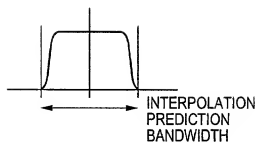


FIG.11B

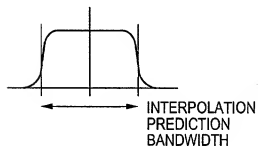


FIG.11C

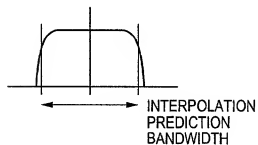


FIG. 12A

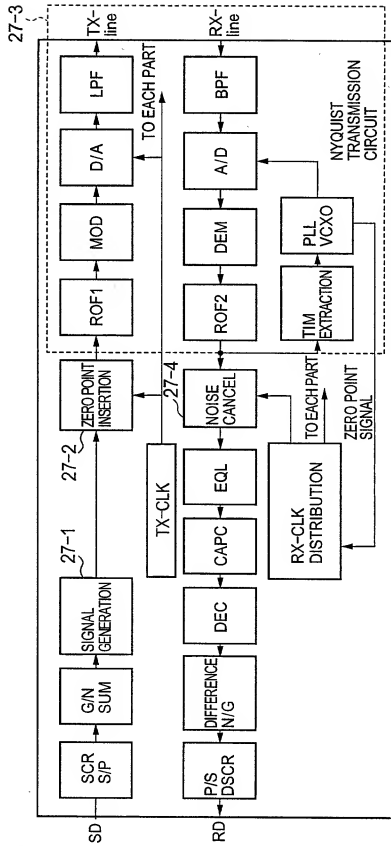


FIG. 12B

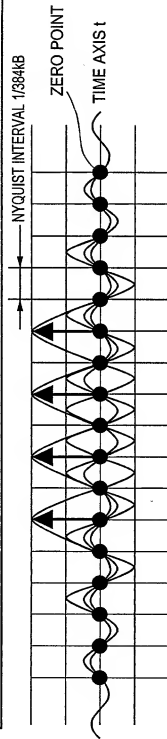


FIG.13A

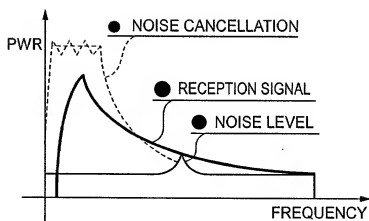


FIG.13B

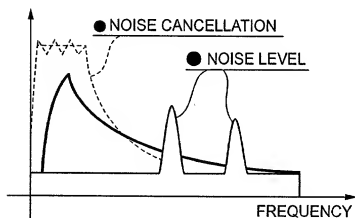


FIG.14A

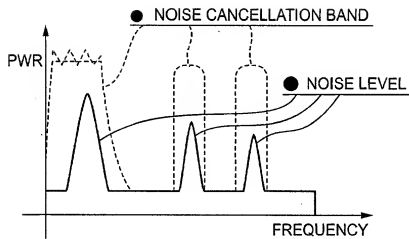


FIG.14B

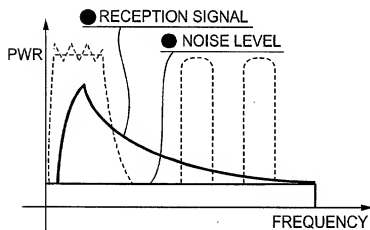


FIG.15

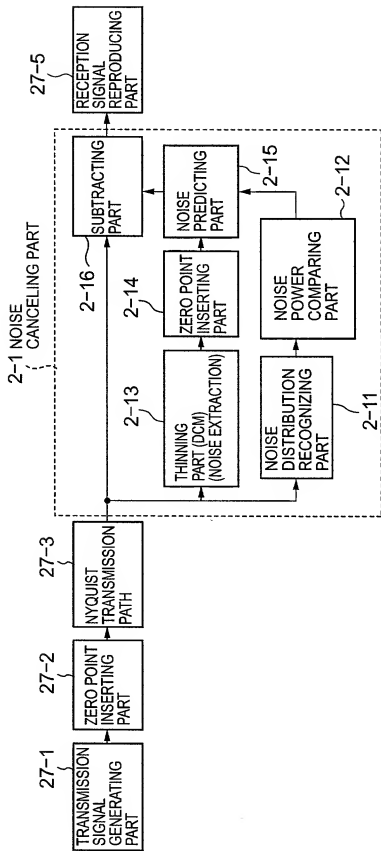


FIG.16

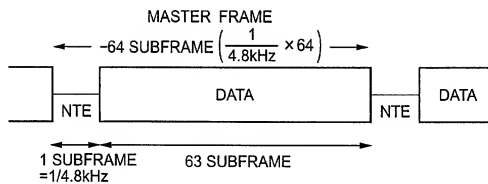


FIG. 17

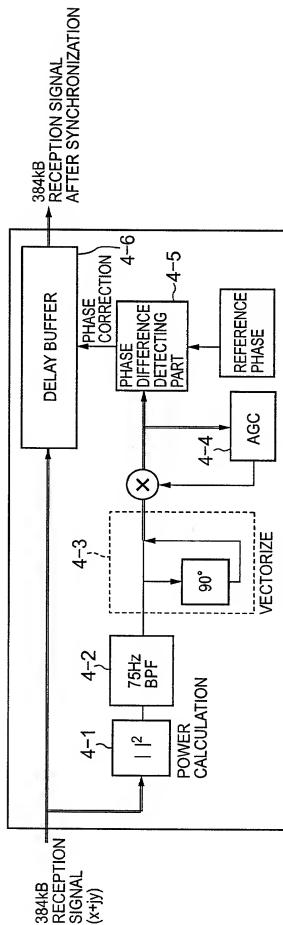


FIG. 18

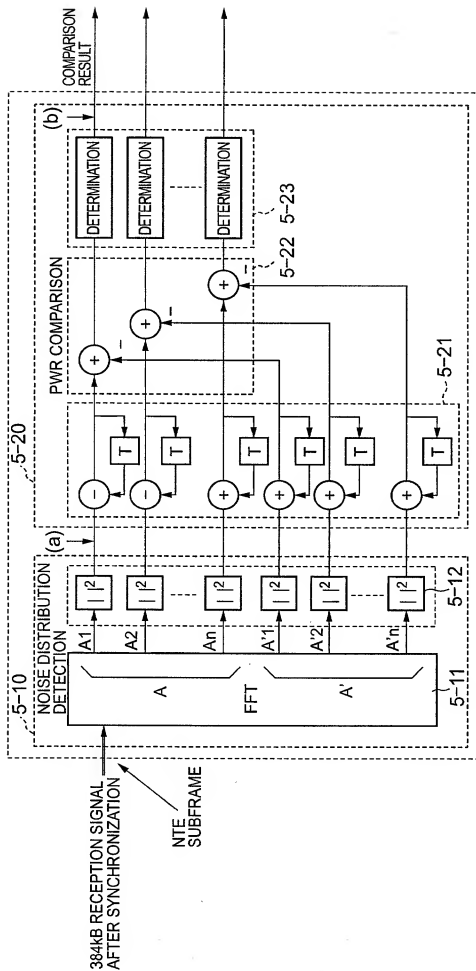


FIG. 19A

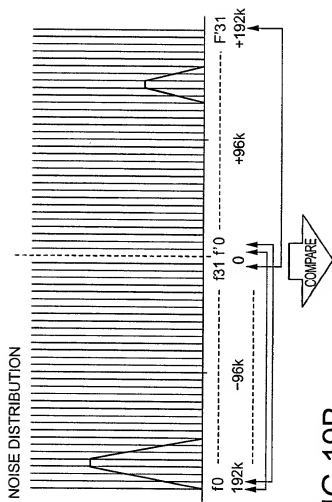


FIG. 19B

PWR COMPARISON

$f0 > f0$
1 0

$f1 > f1$
1 0

$f21 > f21$
0 1

$f22 > f22$
0 1

$f31 = f31$
1 0

COMPARISON
RESULT →

FIG.20

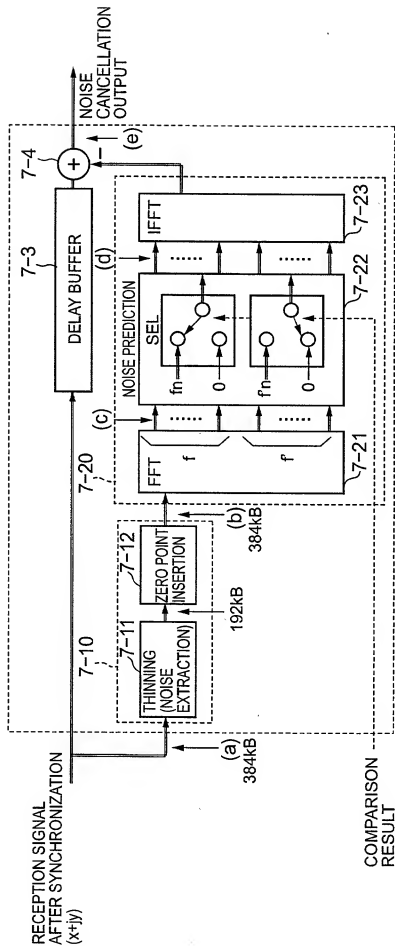


FIG.21

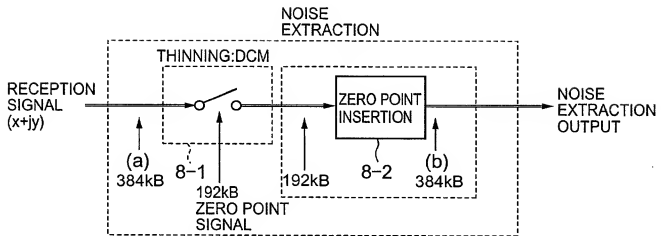


FIG.22A

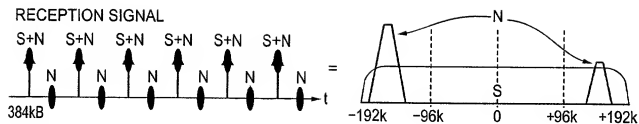


FIG.22B

THINNING AND ZERO POINT INSERTION
(NOISE EXTRACTION)

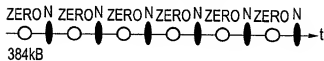


FIG.22C

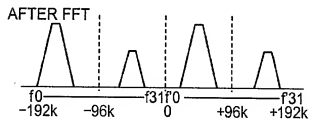


FIG.22D

NOISE PREDICTION

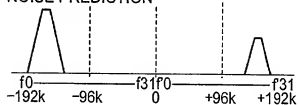


FIG.22E

NOISE CANCELLATION

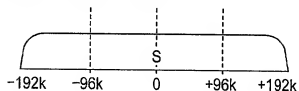


FIG.23

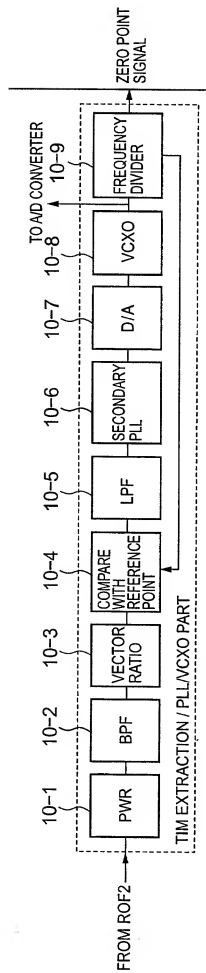


FIG.24

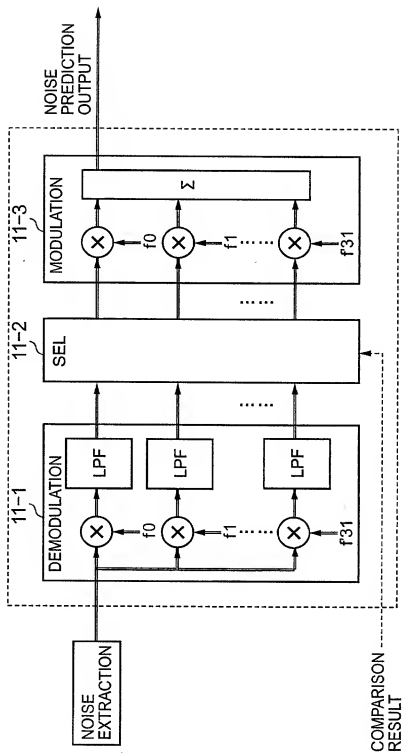


FIG.25A

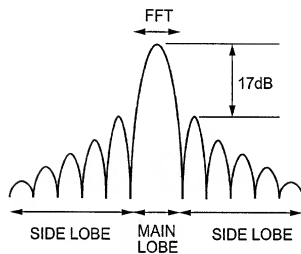


FIG.25B

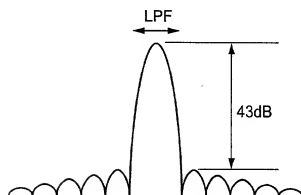


FIG. 26

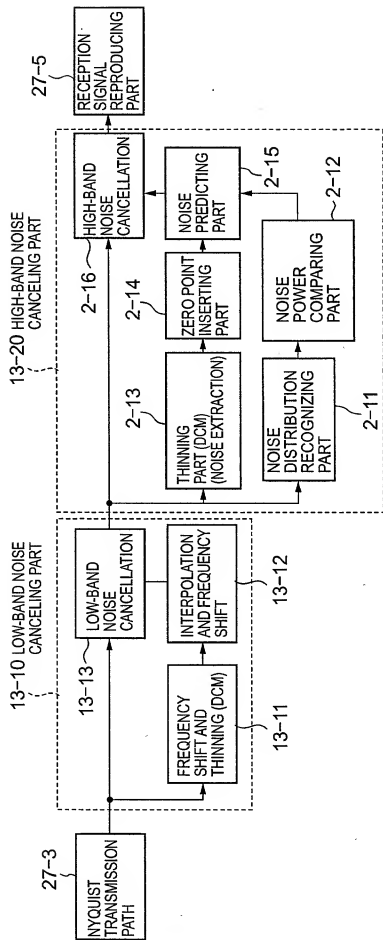


FIG.27A

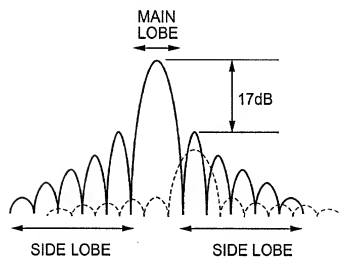
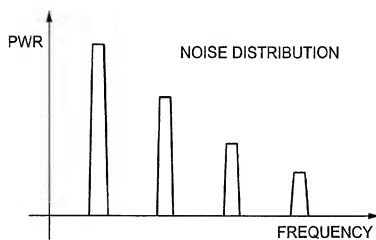


FIG.27B



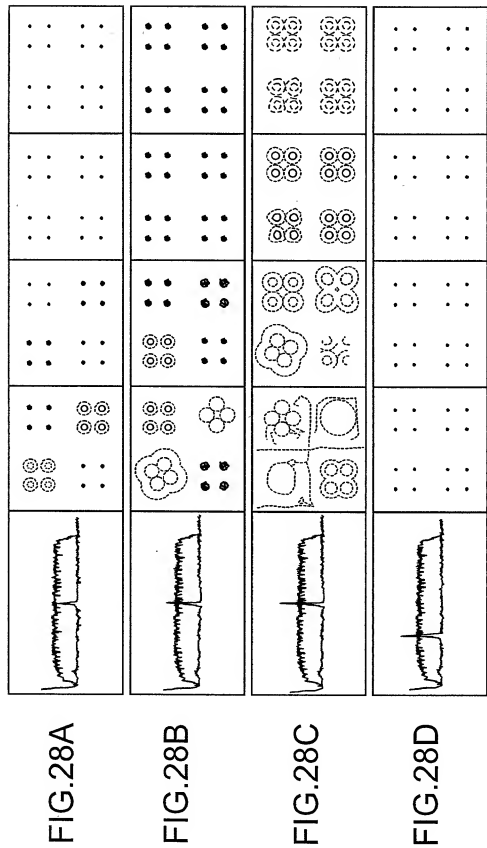


FIG.29

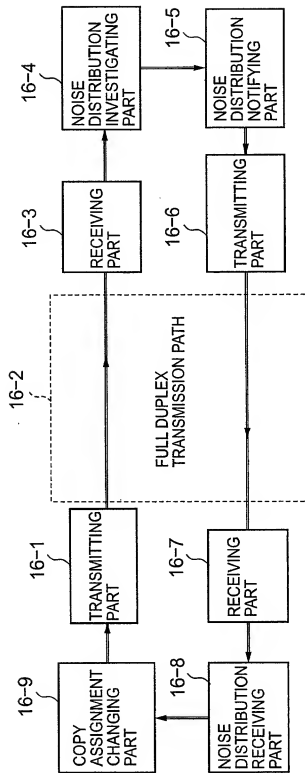


FIG. 30A



FIG. 30B

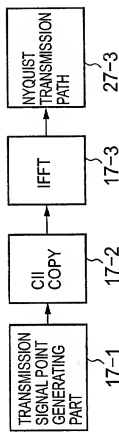


FIG.31

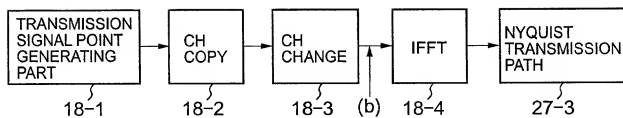


FIG.32

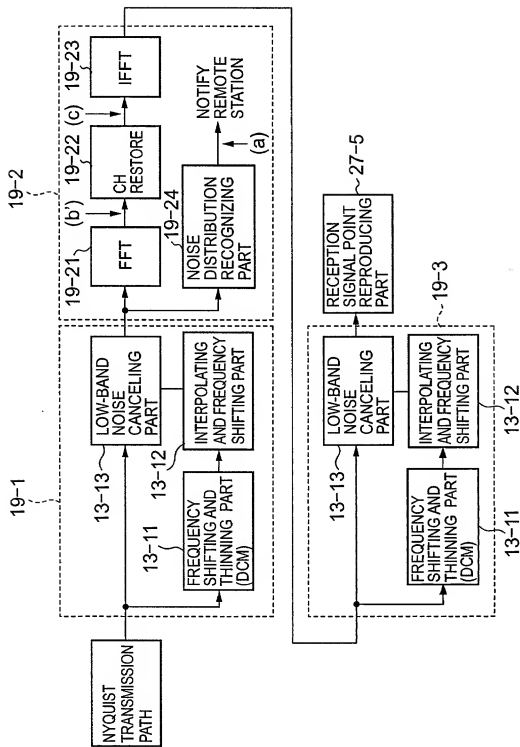


FIG. 33

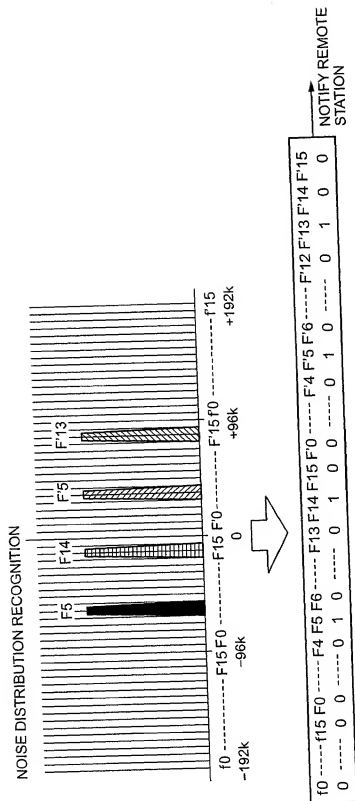
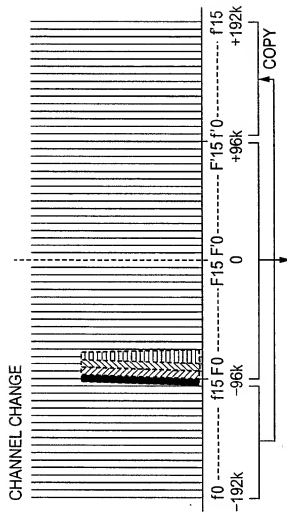


FIG.34



AFTER F5 F14 F'5 F'13 F4 F0 F6 ----- F13 F1 F15 F'0 ----- F4 F2 F'6 ----- F'12 F3 F'15
 CHANNEL CHANGE 1 1 1 1 0 0 0 ----- 0 0 0 0 ----- 0 0 0

FIG.35

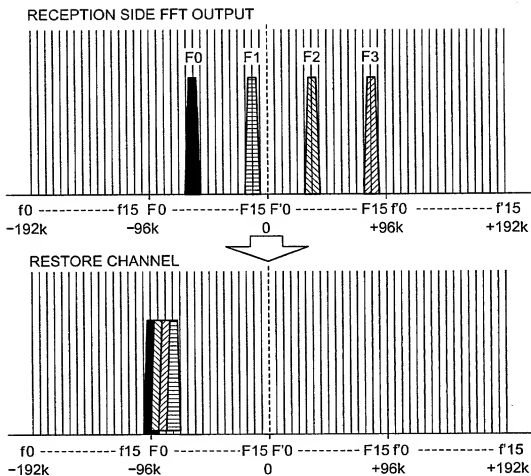


FIG.36

